

AMENDMENTS TO THE CLAIMS

Claim 1 (cancelled)

Claim 2 (previously amended)

The cartilage and bone morphogenetic repairing composition as claimed in claim 14, wherein the polypropylene glycol as a constituent of said polyoxyethylene-polyoxypropylene has a molecular weight of about 1,500-4,000 in a unit of Dalton (D) and the ethylene oxide content is about 40-80% per molecule.

Claim 3 (previously amended)

The cartilage and bone morphogenetic repairing composition as claimed in claim 2, wherein a concentration of said polyoxyethylene-polyoxypropylene in an aqueous solution is about 10-50%.

Claim 4 (previously amended)

The cartilage and bone morphogenetic repairing composition as claimed in claim 14, wherein said bone morphogenetic protein is BMP-2.

Claim 5 (previously amended)

The cartilage and bone morphogenetic repairing composition as claimed in claim 14, wherein said bone morphogenetic protein is MP52.

Claims 6 and 7 (previously cancelled)

Claim 8 (previously amended)

The method of claim 15 wherein the polypropylene glycol as a constituent of the polyoxyethylene-polyoxypropylene glycol of said composition has a molecular weight of about 1,500 to 4,000 in a unit of Dalton (D) and the ethyleneoxide content of the polyoxyethylene-polyoxypropylene is about 40 to 80% per molecule.

Claim 9 (previously amended)

The method of claim 8 wherein the polyoxyethylene-polyoxypropylene is about 10 to 50% by weight of the aqueous solution.

Claim 10 (previously amended)

The method of claim 15 wherein the bone morphogenetic protein is BMP-2.

Claim 11 (previously amended)

The method of claim 14 wherein the bone morphogenetic protein is MP52 (SEQ IS No: 1).

Claims 12 and 13 (cancelled)

Claim 14 (currently amended)

A cartilage and bone morphogenetic repairing composition comprising a collagen-free aqueous solution of a polyoxyethylene-polyoxypropylene and an effective amount of a bone morphogenetic protein, wherein the molecular weight of polyoxypropylene as a constituent of said polyoxyethylene-polyoxypropylene ~~molecular~~ molecule is 900 to 4,000 in a unit of Dalton (D) and the ethylene oxide content is 5 to 90% by weight of the polyoxyethylene-polyoxypropylene molecule whereby the solution is liquid at 1 to 30°C and gelatinizes at about 37°C.

Claim 15 (currently amended)

A method of repairing a cartilage and bone fracture in a warm-blooded animal comprising administering locally to the warm-blooded animal a composition of claim ~~13~~ 14 at the site of a bone or cartilage fracture for a time and under conditions of repairing cartilage and bone.